

Subject: Endo/Comp/Alum Head Action Items

Date:

From: Todd Beach <todd_beach@taylormade-golf.com>

Organization: Taylor Made Golf

To: Dick RUGGE <dick_rugge@taylormade-golf.com>,
Erik ZEDELMAIER <erik_zedelmayer@taylormade-golf.com>,
jean-philippe Imbert <jp_imbert@taylormade-golf.com>,
Joe HOFFMAN <joe_hoffman@taylormade-golf.com>,
Jeff BLASIUS <jeff_blasius@taylormade-golf.com>,
stephen kraus <stephen_kraus@taylormade-golf.com>,
David ANDERSON <david_anderson@taylormade-golf.com>,
Tom OLSAVSKY <tom_olsavsky@taylormade-golf.com>

I have attached the current action item list for the Endo/Comp/Alum head effort.

The current plan (and approximate schedule) is as follows:

1) Aluminum:

SAT forge face/hosel + Investment Cast aft body with pockets for weight plugs (round bolted on)

- Joe/Steve sent ProE model Monday to SAT - they will split model and send back IGES
- Joe will modify aft body for weight plug pockets by Weds 7/28 (gone from 7/29-8/4)
- Jeff will grow rapid proto wax's for aluminum aft body (send to SAT 8/4)
- SAT will deliver assembled heads by the end of August or Early September
- J.P. will re-focus Hardface Alloys on Spraying Titanium over Aluminum

2) New Endo with Composite Shell and 2 Visible Weight Plugs on Sole:

- Joe will develop ProE Model of New Endo + Comp Shell with 2 Visible Weight Plugs by 7/28
- Jeff will grow rapid proto wax's for Ti Endo structure (7/30)
- Coastcast will cast Ti Endo structures (8/6)
- We will test rapid proto cast Ti Endo structures without shell (8/13)
- Joe will develop ProE Model of wax tooling for Ti Endo structure (8/13)
- Jeff will fabricate wax tooling for Ti endo structure (8/27)
- Cast Endo Structures using wax tool (9/8)
- Erik will design matched metal mold tool for composite head (7/28)
- Allan will develop ProE model of matched metal mold (8/4)
- Jeff will fabricate matched metal mold (9/1)
- Erik/J.P. will mold initial shells (9/8)
- Test fully assembled heads with tooled wax's and matched metal shells (9/10)

3) Composite Head

- J.P. will continue to make heads using different fiber types (XN5/XN10, etc.)
- J.P. will try the different hosel configurations (attached to center of sole plate, etc.)